IN THE CLAIMS:

Please substitute the following list of claims for the previous list of claims:

1. (previously presented) A battery comprising:

a substrate;

a cathode on the substrate, the cathode having a surface;

a cathode current collector comprising a plurality of conducting lines that contact the surface of the cathode, the conducting lines having spacings therebetween;

an electrolyte at least partially extending through the spacings between the conducting lines of the cathode current collector to contact the cathode; and

an anode contacting the electrolyte.

2. (currently amended) A battery according to claim 1 wherein the cathode current collector is between the electrolyte and the cathode.

3. (original) A battery according to claim 1 wherein the cathode current collector is absent a non-reactive metal containing material.

4. (original) A battery according to claim 1 wherein the cathode current collector comprises aluminum, cobalt, copper, nickel, titanium, tantalum, vanadium, zirconium, and alloys and compounds mixtures thereof.

5. (original) A battery according to claim 1 wherein the conducting lines comprise elongated prongs extending from a base prong.

6. (original) A battery according to claim 1 wherein the conducting lines contact less than 80% of the area of the surface of the cathode.

7. (original) A battery according to claim 1 wherein the substrate comprises mica.

8. (original) A battery according to claim 1 wherein the cathode comprises lithium cobalt oxide.

9. (original) A battery according to claim 1 comprising an anode current collector contacting the anode.

10. (withdrawn) A method of fabricating a battery, the method comprising:

forming a substrate;

forming a cathode on the substrate, the cathode having a surface;

forming a cathode current collector comprising one or more conducting lines that contact the surface of the cathode;

forming an electrolyte at least partially extending through the conducting lines of the cathode current collector to contact the cathode; and

forming an anode contacting the electrolyte.

11. (withdrawn) A method according to claim 10 comprising forming the cathode current collector between electrolyte and the cathode.

12. (withdrawn) A method according to claim 10 comprising forming one or more conducting lines having elongated prongs extending from a base prong.

13. (withdrawn) A method according to claim 10 comprising forming the conducting lines by placing a mask on the substrate and depositing material through the openings of the mask.

14. (withdrawn) A method according to claim 13 comprising depositing the material by physical vapor deposition.

15. (withdrawn) A method according to claim 14 comprising depositing material comprising a metal containing material.

16. (withdrawn) A method according to claim 10 comprising forming conducting lines that contact less than 80% of the area of a surface of the cathode.

17. (withdrawn) A method according to claim 10 comprising forming a substrate comprising mica.

18. (withdrawn) A method according to claim 10 comprising forming a cathode comprising lithium cobalt oxide.

19. (withdrawn) A method according to claim 10 comprising forming an anode current collector contacting the anode.

20. (currently amended) A thin film battery comprising:

a substrate comprising a dielectric material;

a cathode layer having a surface ~~on~~ adhering to the substrate and an opposing surface;

a cathode current collector layer comprising one or more conducting lines ~~contacting~~ adhering to the opposing surface of the cathode layer, the conducting lines having spacings therebetween or thereabout;

an anode layer facing the opposing surface of the cathode layer and the cathode current collector layer; and

an electrolyte layer between the cathode current collector layer, cathode layer and anode layer, the electrolyte layer at least partially extending through the ~~one or more~~ spacings between or about the one or more conducting lines of the cathode current collector layer to contact the opposing surface of the cathode layer.

21. (cancelled)

22. (previously presented) A battery according to claim 20 wherein the cathode current collector comprises aluminum, cobalt, copper, nickel, titanium, tantalum, vanadium, zirconium, and alloys and compounds mixtures thereof.

23. (previously presented) A battery according to claim 20 wherein the conducting lines comprise elongated prongs extending from a base prong.

24. (previously presented) A battery according to claim 20 wherein the substrate comprises mica.

25. (previously presented) A battery according to claim 24 wherein the cathode comprises lithium cobalt oxide.

26. (currently amended) A battery comprising:

a substrate;

a cathode having a surface on the substrate and an opposing surface;

a cathode current collector comprising a pattern of conducting lines contacting the opposing surface of the cathode, the conducting lines having spacings therebetween;

an anode; and

an electrolyte between the cathode and anode, the electrolyte at least partially extending through the spacings between the conducting lines.

27. (currently amended) A battery according to claim 26 wherein the pattern of conducting lines comprise one or more of meandering lines, circular lines, random lines, radial lines, horizontal lines, vertical lines, ~~and~~ diagonal lines and arcuate lines.

28. (cancelled)

29. (previously presented) A battery according to claim 26 wherein the substrate comprises mica.

30. (previously presented) A battery according to claim 26 wherein the cathode comprises lithium cobalt oxide.

31. (new) A battery comprising:

a substrate;

a cathode on the substrate, the cathode having a surface;

a cathode current collector contacting the surface of the cathode, the cathode current collector comprising conducting lines having a plurality of elongated prongs extending outwardly from a base prong, the elongated prongs having spacings therebetween;

an electrolyte at least partially extending through the spacings between the elongated prongs of the cathode current collector to contact the cathode; and

an anode contacting the electrolyte.

32. (new) A battery according to claim 31 wherein the substrate comprises mica.

33. (new) A battery according to claim 31 wherein the cathode comprises lithium cobalt oxide.

34. (new) A battery according to claim 31 wherein the electrolyte comprises lithium phosphorus oxynitride.

35. (new) A battery according to claim 31 wherein the cathode current collector comprises one or more of copper, aluminum and indium tin oxide.

36. (new) A battery comprising:

a substrate;

a cathode comprising lithium cobalt oxide, the cathode having a surface on the substrate and an opposing surface;

a cathode current collector contacting the opposing surface of the cathode, the cathode current collector comprising conducting lines having a plurality of elongated prongs extending outwardly from a base prong, the elongated prongs having spacings therebetween, the cathode current collector comprising one or more of copper, aluminum, and indium tin oxide;

an electrolyte comprising lithium phosphorus oxynitride at least partially extending through the spacings between the elongated prongs of the cathode current collector to contact the opposing surface of the cathode; and

an anode facing the opposing surface of the cathode and contacting the electrolyte.

37. (new) A battery according to claim 36 wherein the substrate comprises mica.

38. (new) A battery comprising:

a substrate;

a cathode having a surface on the substrate and an opposing surface;

a cathode current collector contacting the opposing surface of the cathode, the cathode current collector comprising a pattern of conductors having a plurality of shapes with spacings therebetween, the plurality of shapes comprising one or more different shapes;

an electrolyte at least partially extending through the spacings between the shapes of the pattern of conductors of the cathode current collector to contact the opposing surface of the cathode; and

an anode contacting the electrolyte.

39. (new) A battery according to claim 38 wherein the substrate comprises mica.

40. (new) A battery according to claim 38 wherein the cathode comprises lithium cobalt oxide.

41. (new) A battery according to claim 38 wherein the electrolyte comprises lithium phosphorus oxynitride.

42. (new) A battery according to claim 38 wherein the cathode current collector comprises one or more of copper, aluminum and indium tin oxide.

43. (new) A battery comprising:

a substrate;

a cathode having a surface on the substrate and an opposing surface;

a cathode current collector contacting the opposing surface of the cathode, the cathode current collector comprising a layer having spacings therein;

an electrolyte at least partially extending through the spacings in the cathode current collector layer to contact the opposing surface of the cathode; and

an anode contacting the electrolyte.

44. (new) A battery according to claim 43 wherein the layer is continuous.

45. (new) A battery according to claim 43 wherein the substrate comprises mica.

46. (new) A battery according to claim 43 wherein the cathode comprises lithium cobalt oxide.

47. (new) A battery according to claim 43 wherein the electrolyte comprises lithium phosphorus oxynitride.

48. (new) A battery according to claim 43 wherein the cathode current collector comprises one or more of copper, aluminum and indium tin oxide.

49. (new) A battery comprising:

a substrate;

a cathode having a surface on the substrate and an opposing surface;

a cathode current collector contacting the opposing surface of the cathode, the cathode current collector comprising a single continuous conducting line having portions with spacings therebetween;

an electrolyte at least partially extending through the spacings between portions of the conducting line of the cathode current collector to contact the opposing surface of the cathode; and

an anode contacting the electrolyte.

50. (new) A battery according to claim 49 wherein the conducting line comprises concentric arcuate portions.

51. (new) A battery according to claim 49 wherein the cathode current collector covers substantially the entire cathode opposing surface.

52. (new) A battery according to claim 49 wherein the substrate comprises mica.

53. (new) A battery according to claim 49 wherein the cathode comprises lithium cobalt oxide.

54. (new) A battery according to claim 49 wherein the electrolyte comprises lithium phosphorus oxynitride.

55. (new) A battery according to claim 49 wherein the cathode current collector comprises one or more of copper, aluminum and indium tin oxide.